

ROBERT E GRAHAM

RESUME

Robert Graham has 42 years of experience in design, construction, traffic engineering, building construction and engineering management; 37 years with Caltrans, retiring as Deputy District Engineer, District 4 in 1988; and five years with Bechtel Corporation. At Bechtel, Mr. Graham was responsible for various planning, engineering, and construction aspects of highway and traffic-related projects worldwide. Mr. Graham retired in 1993 as Vice President of Bechtel Infrastructure Corporation. Following retirement Mr. Graham has served as member of 7 DRB Projects. He also has an additional 4 years experience overseeing 6 million dollars worth of site preparation, building construction and reconstruction.

Professional Data

- Registered Professional Engineer, (Civil) State of California No. 10620
- Certificates of Completion - DRB Administration and Practice Workshop (1998, 1999 and 2005)
- Certificates of Completion - Dispute Review Board Chairing Workshop (2000 and 2005)
- Certificate of Completion - Mediation for Conflict Management satisfying the Requirements of California Community Dispute Resolution Act (1998)

Education

- BCE, Civil Engineering, University of Santa Clara, 1951
- Certificate, Traffic Engineering, Yale University, 1961
- MBA, Management, University of Santa Clara, 1972
- Certificate, Public Program Management, U.S. Civil Service Commission, 1977

Key Qualifications

- Experience on 7 Caltrans Dispute Review Boards for resolution of Contract Disputes.
- Retired in 1988 as Deputy District Engineer from Caltrans with 37 years of extensive experience in highway, bridge and facilities design and construction, traffic engineering, maintenance (bridges and highways) and management.
- Retired in 1993 as Vice President of Bechtel Infrastructure Corporation and Deputy Manager of Highway, Bridge and Tunnel Projects, worldwide.
- Parish Representative overseeing the \$3.2 Million seismic upgrade and renovation of the St. Simon Church (1998-1999) and the construction of the \$3 Million St. Simon Parish Center/Gymnasium Project (1995-96)

DRB Experience

Current- Member of DRB for Contract No. 07-120884 (LA-101-25.3/38.2). Install communication systems. Contractor - Golden State Utility Co.

Current— Member of DRB for Contract No. 04-0C8904 (SCI-101-6407/84.6). Highway overlay, Rte. 87 to SM Co. line. Contractor – Pavex Construction

Current – Member of DRB for Contract No. 04-0120J4 (Ala-80-2.5-5.6). Construct Storm Water Treatment Systems. Contractor – Diablo Contractors, Inc.

2003-2005— Member of DRB for Contract No. 04-2357-A4 (SM-101-Ralston to Marsh Road). Widening of Rte 101, construction of walls, walls and drainage facilities. Contractor - DeSilva Gates Co.

2002-2003– Member of DRB for Contract No. 04-015114 (04-SM-84-R41.9/R47.1). Widening of Marsh Rd. Contractor - RGW Construction, Inc.

2000-2001 – Member of DRB for Contract No. 04-4874S4 (04-SCI-87-11.2/12.6). Work included construction of roadways, retaining walls and bridges. Contractor – O. C. Jones & Sons, Inc.

1997–2000 – Member of DRB for Contract No. 04-103584 (04-SM-92-3.3/5.2). Work included the widening and construction of 25 retaining walls, water pollution control and erosion control work. Contractor – O. C. Jones & Sons, Inc./ R. M. Harris Co. JV.

CALTRANS EXPERIENCE:

Deputy District Director: Maintenance, District 4: Responsible for managing a \$6 Million, 1,200-person maintenance and minor project program for the seven Bay Area Toll bridges and facilities and 1,500 miles of state highways in the San Francisco Bay Area. Program Manager for the engineering for rehabilitation, storm damage and repair contracts, totaling \$40 million per year.

Deputy District Director: Responsible for all Caltrans Project Development activities (Planning, Design, Construction and R/W) in Santa Clara and Santa Cruz counties, including the \$1.2 billion locally funded freeway improvement program Measure A Sales Tax.

District Director: District 6: Responsible for managing all Caltrans activities in the five Central Valley counties.

Earlier Work: Mr. Graham held responsible positions with Caltrans as Freeway Design Project Engineer, District Traffic Engineer, District Planning Engineer, District Maintenance Engineer, and Executive Assistant.

BECHTEL CORPORATION EXPERIENCE 1988-1993:

Vice President Bechtel Infrastructure Corp. Deputy Manager of Highway Projects. Responsible for providing technical and management support for Design and Construction of Highway, Bridge and Tunnel projects worldwide Also served as Project Manager on the following projects:

- Cypress Street Viaduct Replacement Project - Project Manager. Responsible for the Cost Control and Scheduling activities for the design and Construction of the freeway replacement of the viaduct destroyed in the 1989 Loma Prieta Earthquake. This Caltrans Emergency project consisted of eight separate design teams, including five consultant contracts, and required a full EIS.
- Caltrans Project Management Assistance - Project Manager. Responsible for directing a major effort to review Caltrans current project management procedures and to recommend specific improvements to increase productivity and reduce overhead costs.
- Caltrans Toll Collection Study - Project Manager. Responsible for research and for developing specifications for an AVI-ETTM system for the Caltrans Toll Bridges. Project also included the oversight of the installation of a pilot AVI system.

OTHER CONSTRUCTION:

ST. SIMON PARISH 1995-1999 - Parish representative overseeing a \$3 Million Parish Center construction project and the \$3.2 Million reconstruction of a 40-year-old reinforced concrete building in Los Altos, removal of asbestos, seismic upgrade and major structural modifications and negotiating contract claims for St. Simon Parish, Los Altos. The new construction work included the site work, utilities, grading, paving and the building of classrooms, meeting rooms and gymnasium and landscaping of the completed project. Worked with contractors and architect to resolve disputes.

Other Activities

- Member U.S. Dept. of Labor, SF Bay Area Construction Committee – 1984
- Member Alumni Board of Directors – School of Engineering - University of Santa Clara - (2001-2004)
- Member Board of Directors - California Transportation Foundation - (1994-1998)
- Member Alumni Board of Directors - Graduate School of Business Administration -University of Santa Clara (1978-1982)
- Member Library Commission - City of Mountain View - (1995-1998)
- Member Board of Directors -Peninsula Symphony Orchestra - (1994-1995)
- Member Marines Memorial Club, San Francisco -(Current)

